

What we claim is:

1. Video gateway apparatus for interworking between an internet protocol video data network and an integrated services digital network comprising

a router operatively associated with said internet protocol video data network for outputting video and control data associated with a video call originating in said internet network,

at least one gateway switch coupled to said router and operatively associated with said integrated services digital network for outputting video and control data associated with a video call originating in said integrated services digital network, and

at least one gatekeeper operatively associated with said router and said at least one gateway switch for translating between video telephone numbers assigned within said integrated services digital network and internet protocol addresses associated with said internet protocol video data network.

2. Apparatus as recited in claim 1 further comprising a digital data hub coupled between said gatekeeper and said router.

3. Apparatus as recited in claim 1 wherein said gateway outputs a calling party number output of said gatekeeper to an integrated switched digital network via a primary rate interface.

4. Apparatus as recited in claim 1 wherein said router is operatively associated with an asynchronous transfer mode network via at least one permanent virtual circuit.

5. A method of processing a video call via video gateway apparatus originating in an internet protocol video data network for completion within an integrated services digital network comprising the steps of

receiving an address formatted as an internet address representing an integrated services digital network telephone number and

translating the address into video data routing data, said video gateway apparatus for delivering received packetized video data to a video capable telephone associated with said integrated services digital network telephone number.

6. The method of claim 5 further comprising the steps of
 receiving a calling party address formatted as an internet address representing an alias directory telephone number,
 translating said internet address into said alias directory telephone number and
 transmitting said alias directory telephone number as a calling party telephone number by means of a primary rate interface into said integrated services digital network.

7. A method of processing a video call via video gateway apparatus originating in an integrated services digital network for completion within an internet protocol video data network comprising the steps of
 receiving an address formatted as a local telephone number representing an internet address and
 translating the received address into a destination internet address associated with said local telephone number, said video gateway routing video data associated with said call to said destination internet address.

8. A method of assuring security of a video call in an internet protocol video data network wherein a router communicates with a gatekeeper of said network in a control channel session characterized by the steps of
 the router initiating a query of said gatekeeper to determine the status of said control channel session and
 the router precluding a delivery of video data to a destination address if said query is negative or
 the router delivering video data to a destination address if said query is positive.

9. The method of claim 8 wherein so long as said router periodically receives a positive query response, said router delivers video data.
10. The method of claim 8 wherein said router buffers a terminating video call until said router receives a positive query response.